

From qrp-1@lehigh.edu Wed Oct 11 10:34:00 1995  
From: aa7qy@primenet.com (Roger Hightower)  
Subject: [4042] 72 Newsletter  
Message-ID: <199510110120.SAA01021@usr3.primenet.com>

Rec'd 72 Newsletter in AZ today. Lots of good stuff in there. Those that don't belong to NEQRP should do so.

72, de Roger, AA7QY

From qrp-1@lehigh.edu Wed Oct 11 10:34:00 1995  
From: bobh@hp-pcd.cv.hp.com (Bob Headrick)  
Subject: [4019] Cascade Success  
Message-ID: <199510101654.AA220374063@hpcvsgen.cv.hp.com>

Well, I got Cascade running over the weekend. It was a blast! Unfortunately the Cal QSO party had the bands pretty well tied up, but I did manage to talk to 30+ W6's in a couple of hours. The high points were the guy in Yuba who took a little time to chat, and said I was 20 over 9. He said if I was running 2 Watts I must have a pretty big antenna! (My antenna is an AP-8 on the ground, with only a few short radials.)

I also ran into an interesting bunch of QRP'ers on 3760 in the evening.

It's been a while since I had this much fun on the air.

73,

Bob Headrick WA7OVU  
bobh@cv.hp.com

From qrp-1@lehigh.edu Wed Oct 11 10:34:00 1995  
From: af852@rgfn.epcc.Edu (William R Colbert)  
Subject: [4054] fox & QQ  
Message-ID: <9510111300.AA03120@rgfn.epcc.Edu>

Heard the fox once before the digital and lfbs started - then it was hopeless. Still no QQ - maybe this week. 72/73 Ray, W5XE, El Paso

From qrp-1@lehigh.edu Wed Oct 11 10:34:00 1995  
From: George.Gingell@bbs.abs.net (George Gingell)  
Subject: [4052] FOX HUNT 10/10/95  
Message-ID: <1995Oct11.073845.27786@abs.net>

Got home late, but managed to make 5 QRP QSO'S before time ran out.  
I worked WA9PWP-WI-(Paul),WA4KAC-MD-(Walt),K8DD-MI-(Hank),WB8E,  
and KA8DDZ-MI-(TI)His first MD QRP QSO. The Fox was heard briefly, but  
not well enough to make the contact. I heard several others work him.  
Sorry Joe, Maybe better luck next time.  
QRP DX TU (C)1986 Danny Gingell, K3TKS@bbs.abs.net

--

George Gingell, user of the UniBoard System @ abs.net  
E-Mail: George.Gingell@bbs.abs.net  
The WB3FFV Amateur Radio BBS - Located in Baltimore, Maryland USA  
Supporting the Amateur Radio Hobby, and TCP/IP InterNetworking

From qrp-1@lehigh.edu Wed Oct 11 10:34:00 1995  
From: JEVERHART@cayman.vf.mmc.com  
Subject: [4018] FOX HUNT TONIGHT!!!!!!!!!!!!!!!!!!!!!!  
Message-ID: <951010124754.2101b8b5@carib.vf.mmc.com>

OK group, here's the final warning.

My fox schedule for tonight, Tuesday, October 10, 1995 Anno Domini is:

9:00 pm	- 9:30 pm (EDT)	7.04 MHz +/-for QRM
9:30 pm	- 10:00 pm	7.11 MHz +/-
10:00 pm	- 11:00 pm	7.04 MHz +/-

Note that the times are Eastern Daylight Savings Time. You do the conversion to your local area!

Call me at whatever code speed is comfortable for you and I will match it to the best of my ability - unless Chuck lets rip!

See you there!

72/73,

Joe E., N2CX

From qrp-1@lehigh.edu Wed Oct 11 10:34:00 1995  
From: JEVERHART@cayman.vf.mmc.com  
Subject: [4053] Foxhunt results 10-10-95  
Message-ID: <951011081325.2101c1e2@carib.vf.mmc.com>

N2CX Fox log 10-10-95

Well, here's the lineup:

Freq	Call	Name
----	-----	-----
7.04	KC2DU	John
"	AA2WJ	Dick
"	AA2PF	Dave
"	NZ4I	Ranson
"	WA3NNA	Pete
"	KC1DI	Dave
"	AA10C	Bill
"	WB2SXN	Bing
"	W00Q	Marty
"	V01DRB	Bob
"	N8ET	Bill
"	N4AOX	Clay
7.11	N3KFL	Al
7.04	W3PM	Gene
"	KF8EE	Ted
"	WA9PWP	Paul
"	WB8ZJL	Paul
"	NA5K	Smitty
"	K8DD	Hank
"	KK6MC/5	Jim

Gee, only four of you west of the Mississippi.

I hate to say it, but the novice frequency swing was counterproductive. I only managed one QSO up there. Don't think I even had any other callers! Next time I'll only spend 15 minutes up there - sorry.

It hurt in another way. I started at 7.04 at 9pm (EDT) and then QSY'ed up to 7.11 at 9:30. 40 was pretty hot when I left 7.04 (average RST 559/569) and contacts were coming at about one every two minutes. I stayed at 7.11 for 30 minutes and 7.04 cooled off Everybody who had been there earlier had given up, too. Noise and QRM were up and signals were down (average RST 339/449.)

All in all, 40 was doing its binary thing again. Signals would peak at a good copyable level, then suddenly fade into the noise in 30 seconds or less only

to return in another minute to good strength. Fades seem much faster and deeper these days.

It probably would have been better if I had gone from 8pm to 9 pm on 7.04 then 15 minutes at 7.11 and the final 45 minutes back at 7.04. That way I would have had a better chance of exhausting the main frequency while propagation was still good. I will be interested in other's success, particularly what time period works best.

Poor Paul, WB8ZJL and Clay, N4AOX called me a number of times and I DID hear them weakly each time. Sent their reports several times but I guess they had trouble copying me :-). You're in the log guys!

To the others who called and I missed when I went to the Novice segment - sorry about that, Chief!

Enjoyed it very much, thanks for all who hung in there to catch the South Jersey toxic waste fox! (BTW do you know why New Jersey has so many Superfund toxic waste sites and California so many lawyers? - Jersey had first choice!) Apologies to all Preston and Clark and all the other Legal beagles out there I'm not talking about YOU GUYS!

See you all this weekend in the ARCI soiree.

72/73,

Joe E., N2CX

From qrp-1@lehigh.edu Wed Oct 11 10:34:00 1995  
From: David Johnson <djohnson@acpub.duke.edu>  
Subject: [4022] Foxhunt Thursday - 40m!  
Message-ID: <Pine.SOL.3.91.951010131918.18788A-100000@bio7.acpub.duke.edu>

Tag - you're it!

Hey I'm it Thursday, like I said, but you can confine your searching to 40m. (thanks boss, and others... ;-)  
Still have a look around 7110 between 9 and 9:15pm and 10 and 10:15 pm (that's Durham NC time!).  
I'll answer anyone I can, but will hope to work some novices. Other times between 9-11, you know where ... (hey you find me!)

73, 72, 0.5w, hut!

Dave wa4nid

David W. Johnson	QRP ARCI 6546
Amateur Extra WA4NID. Low power enthusiast!	G-QRP 4864
email: djohnson@acpub.duke.edu	NorCal 355
packet: WA4NID@KB4WGA.#DUR.NC.USA.NOAM	TSRAC 3482

From qrp-1@lehigh.edu Wed Oct 11 10:34:00 1995  
From: David Johnson <djohnson@acpub.duke.edu>  
Subject: [4016] Foxhunt Thursday night!  
Message-ID: <Pine.SOL.3.91.951010115949.18491A@bio7.acpub.duke.edu>

OK gang, I'm the Fox this Thursday and I'm rarin' to go!

Look for me from 9-11 pm (that's Friday 0100-0300 UTC, right?). Look for me around the usual freqs, also on novice band from 9 to 9:15 and 10 to 10:15.

I will probably be on 40m mostly, but want to try 80 and maybe some other bands too (is that ok?).

See ya - good luck and let's have fun!

73, 72, hut, hut!

Dave, wa4nid

David W. Johnson	QRP ARCI 6546
Amateur Extra WA4NID. Low power enthusiast!	G-QRP 4864
email: djohnson@acpub.duke.edu	NorCal 355
packet: WA4NID@KB4WGA.#DUR.NC.USA.NOAM	TSRAC 3482

From qrp-1@lehigh.edu Wed Oct 11 10:34:00 1995  
From: JSBraun@aol.com  
Subject: [4048] FS: TenTec Argosy II and Heathkit HW-9 QRP Transceivers  
Message-ID: <951011005506\_41502226@mail02.mail.aol.com>

I have for sale a Heathkit HW-9 QRP Transceiver with the WARC band kit installed.  
It is in excellent condition with manuals  
Asking \$275

I have a TenTec Argosy II with matching power supply. Transceiver has all options installed. With other extras included. Radio is in excellent condition with all docs / manuals. (this is the 525D model w/ digital display)  
Asking \$575

Reason for selling is I have to sell a rig to buy another, and I would like to try a TenTec Scout.

(716) 367-9826  
Thanks,  
Scott

From qrp-l@lehigh.edu Wed Oct 11 10:34:00 1995  
From: g3rjv@gqrp.demon.co.uk (Rev George Dobbs)  
Subject: [4040] GB2QRP  
Message-ID: <2@gqrp.demon.co.uk>

Watch out for GB2QRP  
coming from the G QRP Club mini-convention  
mainly 40 & 20m Thursday next until Sunday evening  
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George Dobbs G3RJV           "It is vain to do with more,  
G-QRP Club                   what can be done with less."  
----- William of Occam (1290-1350)
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From qrp-l@lehigh.edu Wed Oct 11 10:34:00 1995  
From: "Eugene S. Tehansky" <tehansky@atc.ameritel.net>  
Subject: [4044] Hunter shot in foot, fox escapes...  
Message-ID: <Pine.LNX.3.91.951010233756.14388A-100000@atc.ameritel.net>

1:58 Z, I had the fox in my sights around 7.110, I pulled the trigger and all I got were dits. Dits with the left paddle, dits with the right paddle. So after I got the foot bandaged up, I saw that I had hit the auto switch on the keyer on my ft-890. Two keyers in series = only dits. How can a hunter hunt with when he needs to keep looking over his shoulder for an AH-1J chasing hunters with a chain gun :} Never heard n2cx in the 7.040 band. QTH - Saint Mary's County, Maryland.

de aa3av k

From qrp-1@lehigh.edu Wed Oct 11 10:34:00 1995  
From: "rohre" <rohre@arlut.utexas.edu>  
Subject: [4039] Kudos! &ENOUGH Already! (virus talk)  
Message-ID: <n1398773902.49505@msmailgw1.arlut.utexas.edu>

What does any of this have to do with QRP?

There are ways if you want to learn about viruses on other forums.

I want to adress a qrp salute to Bruce M. for his fine lesson in the QRPARCI Quarterly, and to our new Editor of the Quarterly for a great first issue. And Thanks to the outgoing Editor.

Some have said there is too much bandwidth on this list. Bruce correctly points out that there are basic resources we can consult, (ARRL Handbook, Bill Orr's Radio Handbook, etc.) before we ask an overly simple question . Now if we do not understand the Handbook explanation, it is perfectly proper to bring the item although basic, to this forum for discussion, and many of us will try and be glad to help. There are enough errors in many books to make this necessary, ergo the left out paragraph describing small loops in the '88 ARRL book.

Bruce had many good things to say about how to approach understanding something new to you, another good reason to join QRPARCI!

72, Stuart K5KVH

From qrp-1@lehigh.edu Wed Oct 11 10:34:00 1995  
From: "Richard Hieber" <SZ0026@daphne.rrze.uni-erlangen.de>  
Subject: [4057] Lettering and Labels  
Message-ID: <225AF2B24C6@daphne.rrze.uni-erlangen.de>

Hi gang,

here's a contribution from Mike, G0IFK, relayed via Packet Radio.

72/73 de Richard

-----  
G0IFK > DL8MFQ 08.10.95 01:03 29 Lines 922 Bytes #180 @DB0SIF.#HES.DEU.EU  
BID : 8A5DB0SIF00Q  
Subj: Re LETTERING AND LABELS  
Path: !DB0SIF!DB0EAM!DK0MWX!ON5VL!ON7RC!ON4AWP!ON4OB!ON4KTK!GB7MXM!GB7ESX!  
!GB7NNA!GB7HSN!GB7LWB!GB7COV!GB7MAX!GB7SAM!GB7OAR!  
Sent: 951007/2007Z @:GB7OAR.#16.GBR.EU #:55339 [Wirral] \$:300\_G0IFK

From: G0IFK@GB70AR.#16.GBR.EU  
To : DL8MFQ@DB0SIF.#HES.DEU.EU

G0IFK/TPK 1.82 Msg #:300 Date:07-10-95 Time:21:03Z

Hi

Always read your QRP bulls with interest, recent ones regarding lettering for projects caught my eye. Can you add my thoughts to the list.

For a simple, quick and effective case lettering method, first of all remove all knobs, dials etc from your case and clean the front panel. Then apply Fablon (sticky backed plastic) the choice of colour is yours. Cut out the holes with a craft knife and then apply lettering (available in many colours and fonts).

Once this is done apply a layer of clear fablon and again cut out the holes.

This gives a rugged front panel which can withstand normal rough handling and can be wiped clean any time. It also gives a '3D' appearance to the lettering.

Best 73 Mike G0IFK @ GB70AR #16.GBR.EU  
Running TPK v1.82. G-QRP 3883  
/ACK

--

Richard Hieber, DL8MFQ/AA8CP  
sz0026@daphne.rrze.uni-erlangen.de

From qrp-l@lehigh.edu Wed Oct 11 10:34:00 1995  
From: "rohre" <rohre@arlut.utexas.edu>  
Subject: [4047] MFJ Antenna Analyzers and others  
Message-ID: <n1398753958.49867@msmailgw1.arlut.utexas.edu>

To add to the K5F0 posting. The MFJ works surprisingly long on the internal batteries for intermittent antenna and other testing. Our club unit in Williamson County TX ARC is going on over one year on original set of Alkaline batteries. Just check them for leakage every year. The MFJ with its analog SWR meter may be easier to see resonance as evidenced by the dip in SWR; than using the all digital display of the Autek RF-1. But the Autek can measure inductance and capacitance quite handily, covers all HF bands, and goes for a lot less than the high end MFJ.



Frankly, with its smaller size, the Autek is the way to go if you check beams on the top of towers, but its nice to have access to both, since the MFJ covers 6M and 2M. With that, one can model antenna designs using little wire, and no computer. Just build your proposed antenna design for 2M, and see what it does with the MFJ.

Wire beam models could be made using PVC pipe as low cost supports, or even wood dowels, at two meters for quick test models. Then you can scale up your design from there. Of course, you should take into account element diameter, and be prepared for the difference between wire and tubing Yagi designs.

There is a grid dip adapter for the MFJ, and like a Grid Dip Meter, it can back you into measurement of tuned network inductance and capacitance, while the Autek RF-1 includes direct readout of L and C over its Frequency range, along with out of range warning where appropriate. My Autek does seem to take more out of its 9 Volt battery life than the comparable use of the MFJ. Guess it all proves there is no free lunch, and the trade off of small versus larger size costs you in one way or another. I have found the Autek I own and the club MFJ agree with the calibration standards furnished with the Autek and agree on well documented antennas.

The Autek, also has a pulsed output in the RF signal, which is used by the bridge circuit, but it may help you identify the signal on a receiver.

At one time, I could get along with only a continuity checker, then I got a VOM. Eventually, I found I needed a DVM,( a cheap one), later a highly accurate one with AC frequency measurements, and component tests. Now, it seems the well equipped ham QRP person, who builds rigs and builds their own antennas needs an Antenna Analyzer as well. The antenna Analyzer does everything a grid dipper did and more more accurately, and allows SWR to be checked without firing up a rig. For those cases of corroded antennas, the analyzer with its low power will perform as a QRP rig would, with no risk to the QRP rig final. It will detect antenna problems before they are noticed with a QRO rig, (because it may temporarily break down corrosion products with the higher voltages it puts out.)

Guess that is my echo of K5F0!  
72, Stuart K5KVH  
rohre@arlut.utexas.edu

From qrp-1@lehigh.edu Wed Oct 11 10:34:00 1995  
From: adams@chuck.dallas.sgi.com (chuck adams)  
Subject: [4043] MFJ-249 Check  
Message-ID: <199510110246.CAA28100@chuck.dallas.sgi.com>

Gang,

Just a note on the MFJ-249 HF/VHF SWR Analyzer:

1. I use it to check the freq of rigs and the receivers by hooking a very small wire to a PL-239 plug for its antenna. You can sweep the band (or outside if a new alignment) to see where you are. It outputs about 1-2mW so don't feed it directly into anything!!
2. I don't like the "warble" of the RF output which I think is due to voltage changes/current changes internally caused by flashing red LED on front for showing power on.
3. It has a BNC input which is for input to the internal counter to measure freqs. I checked calibration by taking the 3.6000000MHz output of the Heath GC-1000 "Most Accurate Clock" and fed it to the internal freq counter of the MFJ. Right on the money for the 4 places to the right of the decimal point, thus good for 100Hz resolution.
4. So, until you get a KC1 you can accurately determine your freq without disassembling setup or another rig. You just need one more 12V supply to power the MFJ. Or can be powered by 8 AA batteries internally, but I haven't tried that.

For those in the dark, the MFJ-249 is used to sweep an antenna from 1.725MHz to 174.4MHz (measured on mine, milage may vary) to determine SWR for 50ohm match. I use it for new antennas and when I forget to write down tuner values for each band, I use it to setup the tuner for the QRP freq that I wanna use. This way I never have to sacrifice a final PA to the SWR daemons!! They (daemons) get hungry and like silicon finals just fine for any meal. The MJF-249 has the builtin counter and I recommend it highly. Another fine tool needed around the shack. Just don't take it apart. You can do a better job of wiring than MFJ, but it does work.

FYI

dit dit

--

Chuck Adams (K5FO CP-60) adams@sgi.com  
Box 181150, Dallas, TX 75218-8150

From qrp-1@lehigh.edu Wed Oct 11 10:34:00 1995  
From: "CHARLES P. SAMMUT" <CPS@limbach.com>  
Subject: [4023] MFJ-9020 FOR SALE  
Message-ID: <D8918C2E01B60100@limbach.com>

FOR SALE:

MFJ 9020 20 METER CW TRANSCEIVER, REV. 0 WITH AUDIO MODS, AND REVERSE POLARITY PROTECTION MOD, IN LIKE NEW CONDITION WITH MANUAL, ORIGINAL BOX; MFJ-412 CURTIS KEYER MODULE; MFJ-726 NARROW AUDIO FILTER MODULE; AND MFJ-1772 20 METER PORTABLE FOLDED DIPOLE.

ALL FOR ONLY \$139 SHIPPED.

CHARLES, K8MI  
cps@limbach.com

From qrp-1@lehigh.edu Wed Oct 11 10:34:00 1995  
From: Larry East <LVE1@inel.gov>  
Subject: [4012] More Q-Dope Junk Mail...  
Message-ID: <9510101455.AA18588@garnet.inel.gov>

I had no takers on my spare bottle of Q-Dope, so guess I now have a \_two\_ life-time supply...

72 & don't sniff too much of that clear finger nail polish!  
Larry, W1HUE.

From qrp-1@lehigh.edu Wed Oct 11 10:34:00 1995  
From: burdick@interval.com (Wayne Burdick)  
Subject: [4034] New Sierra/OHR 400 comparison  
Message-ID: <v02130528aca0847aediae@[199.170.106.28]>

Hi Rob,

>Well, I think with all of its improvements, I'm going to need to order a new  
>Sierra....take advantage of the KC1...improved general  
>performance...mechanical improvements...paint job

I did make a bunch of mods to the Sierra for Wilderness Radio, but I kept the things that make it great for multi-band, portable operation from a small battery. The most useful comparison is with another rig in its price class, the OHR-400. I've seen the OHR-400, and it excels in some ways:

- 5 watts out (vs. 2 to 3 for the Sierra)
- toroids come pre-wound

- built like a battleship

In short it's an excellent choice for a home station rig. But if you're going to put a rig into a backpack, the Sierra is the clear choice (hence its name):

	Sierra	OHR-400
RX-mode current drain:	30mA	300mA
Weight:	~2 lbs	>5 lbs? (est)
Cabinet size (cubic inches):	87	>250? (est)

For backpacking or operating from a solar panel the RX-mode current drain is a serious matter; the Sierra will run all weekend on 10 AA cells.

I guess you pick your poison: while you have to wind your own toroids for the Sierra, it requires no chassis wiring, vs. probably 50? (est) discrete wires in the 400. The Sierra also still has a ton of extra space inside the cabinet and on both panels, which makes it easier to add accessories.

I'm also working on a \*very\* small built-in antenna tuner for the '40A/Sierra; a lightweight, clip-on keyer paddle; and a rechargeable internal battery pack, possibly zinc-air. I wanted the keyer paddle to attach to the rig so I won't have to lug my Bencher around anymore. The tuner will incorporate an absorptive SWR bridge. (I also hope to integrate all of this stuff plus the KC1 into a single rig someday, maybe when I quit my day job.... :)

Let me know what other accessories would you include in the ideal portable rig.

73,  
Wayne  
N6KR

From qrp-1@lehigh.edu Wed Oct 11 10:34:00 1995  
From: pelt@vt.edu (Randy Pelt)  
Subject: [4027] No QRPP  
Message-ID: <199510101827.0AA77973@nss2.CC.Lehigh.EDU>

No QRPP yet in Blacksburg, VA. Anybody know Doug Hendrix's e-mail address?? Guess it's time to complain to somebody.

Tnx

\*\*\*\*\*

```
*Ranson J. Pelt *
*Internal Audit Manager *
*Virginia Tech 0328 *
*Blacksburg, VA 24061 *
*(540) 231-9475 FAX (540) 231-4681 *
* *
*QST de nz4i Semper Fi *
*****
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From qrp-l@lehigh.edu Wed Oct 11 10:34:00 1995  
From: SHUSTER5647@delphi.com  
Subject: [4049] OHR GROUP PURCHASE -- IT'S A GO!  
Message-ID: <01HWALJ9IYVM8ZIO16@delphi.com>

We have easily made our minimum of 10  
people buying kits from OHR!

Here's a callsign list of the  
group participants so far:

KC7CKP, W6TOY/3, KC5RAS, NQ7K, VE7CQK,  
W4STX, KC1GS, N8CQA, K5ERJ, AA0XZ,  
WB8ZJL, WB2CWA, WA3NNA, AA8LF, KB2TGH,  
AB5OU, NU0V, SM0HPL, WA6MOK, Dave A.,  
WJ6H, KM6LA, VE3WMB, WA1JGK.

Next steps:

Call Dick at OHR for payment and  
shipping instructions. For a few  
extra bucks he can upgrade your  
shipment to UPS 3 or 2 day. Dick  
accepts VISA and MC. You can also  
fax or email your credit card info  
to him.

Identify yourself as part of the  
great QRP-L internet list. Dick  
will check your name against the  
updated list I send him. If you mail

your payment, be sure to identify  
yourself as part of this group buy.

Here's OHR's address & phone #'s:

Oak Hills Research  
20879 Madison Street  
Big Rapids, MI 49307

616/796-0920 voice  
616/796-6633 fax  
email: ohrqrp@aol.com

IT'S NOT TOO LATE to get in on this  
great opportunity for cost effective  
RF. The deadline is FRIDAY 13TH !  
I'll send a final list to Dick on  
Saturday morning, October 14, 1995.

24 people have decided so far and  
another 15 are thinking it over!

Regards,

John Shuster  
KC7CKP  
QRP at the foot of the Olympic Mountains

From qrp-1@lehigh.edu Wed Oct 11 10:34:00 1995  
From: Harry\_Chase@smtpgw.windata.com (Harry Chase)  
Subject: [4013] OHR purchase and Norcal for sale  
Message-ID: <9509108133.AA813348268@smtpgw.windata.com>

It may have been mentioned by someone already, but can someone give  
me a quick rundown on the features of the OHR400? The group deal  
going on has gotten me curious.

Harry  
WA1VVH

From qrp-1@lehigh.edu Wed Oct 11 10:34:00 1995  
From: Nick Franco <kf2ph@bnl.gov>  
Subject: [4055] Pixie Smoke and INTF  
Message-ID: <9510111305.AA25491@bnlux1.bnl.gov.bnl.gov>

I was goin to convert my Pixie 2 from its modified 40 meter state back to 80 meters to participate in the 3.579 NEQRP Thursday night thing. So, I fired up the soldering iron and started browsing for the parts I needed. I looked at my watch and saw it was time for the FOX Hunt to begin. I was waiting all week to see if I could work Joe ground wave from Long Island to New Jersey. OK, so maybe I won't convert the Pixie to 80 meters yet. I'll use it for the Fox Hunt first. After hooking everything up, I turned it on and got that all too familiar buzzing sound in the earphone. I need a fresh 9v battery, but I can't find any. Alright, no problem! I hooked some clip leads to my 27AH Gel Cell - opened up the Pixie and took out the old battery. I hooked up red to red and black to black (child's play, right). I flipped the switch and something wasn't right. Then I smelled it! I quickly checked to see if the soldering iron was leaning on something. No such luck. It was my Pixie (poooofff). I didn't look to see which leads on the 9v battery connector were positive and negative, I just matched the colors without even thinking. REVERSE POLARITY.

Well, at least there was the Fox Hunt, right? Just one of those nights I guess. I never heard the Fox (INTF) as Chuck said yesterday. I listened from the mobile with the HW-8 and from the shack on my ICOM, but no good. Sorry Joe, maybe another time.

All in all a pretty lousy night for me, but, Hey! That's Ham Radio. You gotta take the good with the bad I guess. See you all on Thursday.

72,  
Nick

... . -.- .-. .-. .-. .-. .-. .-. .-. .-. .-.  
Nicholas J. Franco                      Systems/Network Support  
RHIC Collider Project                   Building 1005 Room 201  
Brookhaven National Laboratory        UPTON, N.Y. 11973-5000  
tel: (516) 282-5467                    fax: (516) 282-3674  
email: kf2ph@bnl.gov                   packet: kf2ph@kc2fd.nli.ny.usa.na

From qrp-1@lehigh.edu Wed Oct 11 10:34:00 1995  
From: Dale Hall <102603.30@compuserve.com>  
Subject: [4030] QRP rig wanted  
Message-ID: <951010184810\_102603.30\_HHU52-1@CompuServe.COM>

This post is in reference to my post yesterday for a QRP transceiver.

I have already received a number of responses. Thanks!!

I should have stated I do not have a lot of money to spend. I am looking at spending about \$100.00. I hope there will still be some offers, Hi!

TNX, Dale KB0WZ

From qrp-1@lehigh.edu Wed Oct 11 10:34:00 1995  
From: PDouglas12@aol.com  
Subject: [4031] Sierra constr answer  
Message-ID: <951010153024\_72704520@mail04.mail.aol.com>

OK, Gang, the definitive answer on the crossed wires from the source:

And thanks one more time, Wayne!  
72, Preston

Wayne's message follows, properly trimmed:

-----  
-----  
Subj: Re: wires crossed  
Date: 95-10-10 14:17:37 EDT  
From: burdick@interval.com (Wayne Burdick)  
To: PDouglas12@aol.com

Hi Preston,

Hey, you can ask as many dumb questions as you want--no charge. :) I learn a lot about my manuals this way.

Wind the toroidal transformer in the usual way, but just stick the wires for the secondary (3-4) into the holes *\*reversed\**, i.e. so that the wires cross before they go into the holes. This slightly improves the efficiency of the driver stage--not a big deal at all.

73,  
Wayne

--

From qrp-1@lehigh.edu Wed Oct 11 10:34:00 1995



From: PDouglas12@aol.com  
Subject: [4017] Sierra constr Q  
Message-ID: <951010122059\_40853104@emout05.mail.aol.com>

Hi gang,

I am just finishing building my NorCal Sierra, and found a confusing instruction that perhaps one of the builders ahead of me can clarify. (I would ask Wayne, but I am afraid to because I've probably already used up all my goodwill with him with other stupid questions!) On p 16 of the manual it says transformer T1 pins 3 and four are reversed. Huh? Does that mean to wind the secondary normally and cross over leads, or wind the secondary backward? Or what?

I had hoped to foxhunt with the Sierra tonight, but doubt I'll have it ready.  
There's always the Yaesu.

Thanks, all for the bandwidth.

Preston WJ2V

From qrp-1@lehigh.edu Wed Oct 11 10:34:00 1995  
From: PDouglas12@aol.com  
Subject: [4032] Sierra hints  
Message-ID: <951010153046\_72704656@emout04.mail.aol.com>

Hi Gang,

Scott Cranston, who sold me my unbuilt Sierra, was kind enough to have saved and forwarded several good postings on construction hints. They are too long to post in the aggregate, but I would be pleased to send them to them that ask. (if too many, I'll post to the list, with a "long" warning.) Thanks  
Scott, you are a gentleman.

72, Preston WJ2V

From qrp-1@lehigh.edu Wed Oct 11 10:34:00 1995  
From: Jeff Gold <JMG@tntech.edu>  
Subject: [4058] stuff for sale  
Message-ID: <01HWB4FRXPB691XY56@tntech.edu>

Howdi,

I have a NN1G II receiver built up (not sure. .but oscillator may not be oscillating..its been a while) and the matching transmitter

board with most of the parts --- may be all. not sure whether the power transisitor is in it.. guess I could check) anyone need an inexpensive toy to experiment with?

Also have the Voice recorder from the QST article a few months back in a really nice aluminum case (think it was one I got from Chuck).. built and works.

next is a Ten Tec KR5A single paddle keyer.

Might also have a built and working NN1G in a small case(a little lower in height than the norcal 40 and just a little deeper). it is painted blue with a couple of scratches in the paint.

72

Jeff, AC4HF

From qrp-1@lehigh.edu Wed Oct 11 10:34:00 1995  
From: nskousen@scientechn.com (Niel Skousen)  
Subject: [4026] TVL to Ontario CA. 10/10-12  
Message-ID: <9510101807.AA24945@rogue.corp1.scientechn.com>

Will be in Ontario CA at the Red Lion (Airport) Tue and Wed. will check the net periodically if anyone cares for an eyeball qso. . . .

TNX 72  
Niel

-----  
Niel Skousen, nskousen@scientechn.com  
SCIENTECH Special Projects  
208-525-3742, 529-4721 (FAX) WA7SSA  
-----

From qrp-1@lehigh.edu Wed Oct 11 10:34:00 1995  
From: adam@philadelphia.libertynet.org (Adam O'Donnell)

Subject: [4029] Virus Alert  
Message-ID: <9510101852.AA02501@philadelphia.libertynet.org>

For all those who do not know...

viruses can't work unless they are executed. That means run. That means text files can't be run.

NO VIRUS CAN BE PASSED BY TEXT FILES.

--  
Adam O'Donnell, N3RCS  
Amsat: N3RCS@AMSAT.ORG  
Internet: ADAM@LIBERTYNET.ORG

"I want to know how God created this world. I am not interested in this or that phenomenon. I want to know His thoughts, the rest are details."

-- Albert Einstein

From qrp-1@lehigh.edu Wed Oct 11 10:34:00 1995  
From: dgf@netcom.com (David Feldman)  
Subject: [4015] Want Ten-Tec 223 module  
Message-ID: <199510101556.IAA17300@netcom16.netcom.com>

I'm looking for a 223 module for an early series Argosy 525. If you have one you wish to part with, please advise. If you are interested I'll offer a Ten-Tec PM3A transceiver in trade.

73 Dave WB0GAZ dgf@netcom.com

From qrp-1@lehigh.edu Wed Oct 11 10:34:00 1995  
From: paxton@sound.net (frank paxton iii)  
Subject: [4037] wanted: ganged 5k pots  
Message-ID: <199510102153.QAA00732@sound.net>

i want to buy a pot that has a 'double' shaft, to thus hold an inner and outer knob. preferred value 5k linear both sections. what do you call these ? will put rf gain on outer ring, af gain on inner knob. found one but its log taper.

there must be a REALLY SICK mailorder operation that has these (JOKE). :)

tnx for your tips, and all help given so far. the SWL 40 is now knobpot direct readout ... 559 to 579 signal reports from ca., canada, northeast us, etc on 1 watt. no luck breaking late nite pileups into Barbados, Europe, etc...

tnx also on the s-meter interface help everyone !

construction almost done and having a great time.

ng0n frank.

From qrp-l@lehigh.edu Wed Oct 11 10:34:00 1995  
From: CLATON.CADMUS@hamlink.mn.org (CLATON CADMUS)  
Subject: [4014] WARNING - READ THIS VIRUS  
Message-ID: <813319227.AA03855@hamlink.mn.org>

Hello Gang,

I have sent e-mail to George about the "Good Times" virus. This virus is a hoax for those that do not know. Simply reading e-mail will not infect your machine, you must execute a program containing a virus to get one.

If you have passed the "Good Times scare". Please send out corrections. This one has been traveling around the world for almost a year now.

73 de Claton Cadmus, KA0GKC

```
-----  
| FIDOnet= Claton Cadmus 1:282/100 |  
| INTERNet= Claton.Cadmus@hamlink.mn.org |  
| PACKETnet= KA0GKC@WB0GDB.#STP.MN.USA.NA |  
-----
```

If anything I have written makes any cents, I claim copyright!  
\* SLMR 2.1a \* A man without a woman is like a neck without a pain.

---NoSnail v1.17

\*\*\*\*\*  
HAM>link< RBBS - Serving the Amateur Radio Community Since 1983

- 612/HAM-0000 v.34 Ham Radio Spoken Here!!  
- 612/HAM-1010 v.32b Reply to sender @ hamlink.mn.org  
\*\*\*\*\*

From qrp-1@lehigh.edu Wed Oct 11 10:34:00 1995  
From: JCoote@aol.com  
Subject: [4024] Re: Baseboard dipole?  
Message-ID: <951010135812\_120515493@mail06.mail.aol.com>

In a message dated 95-10-09 11:40:33 EDT, rubenc@iglou.com (Charles A. Rubenstein) writes:

>Im going to Nashville on Tuesday for a 3 day seminar. Id like to take my  
>NC40A with me. I have a 20ga. wire dipole I made for it. Is it OK to  
>place the dipole along the perimeter of the room? Dont know what will be  
>in the walls of the hotel, but dont think Ill be able to let things hang  
>outside a window. Dont have a tuner BTW. Hope its ok, so I can keep  
>myself occupied in evenings. Dont feel like hanging out at hotel bar. hi hi.

It may work. Dipoles work the best stretched between two mounts in the clear, or drooped in a vee shape. If the antenna is folded a lot that may change resonance and feed impedance... dunno exactly how much, probably still within 25-120 ohms? Also, there is a lot stuff in any wall that can detune an antenna which worked just fine outdoors. Visualize an Xray view of the room. Hot & cold plumbing, drains, cable TV, air conditioning ducts, wiring, re-bar... Now, try and avoid as much of the metal as possible arghhhh! :-(

If you can get some or all of the dipole outside, like dangle a leg from the balcony or throw a leg over the roof, a tree or something?

But don't be discouraged! Anything but a hotel bar... no, not that!

72, Jay  
WB6AAM

From qrp-1@lehigh.edu Wed Oct 11 10:34:00 1995  
From: prvalko <prvalko@Oakland.edu>  
Subject: [4020] Re: Foxhunt Thursday night!  
Message-ID: <Pine.OSF.3.91.951010130246.15878B-100000@saturn.acs.oakland.edu>

On Tue, 10 Oct 1995, David Johnson wrote:

> I will probably be on 40m mostly, but want to try 80  
> and maybe some other bands too (is that ok?).

Chuck has to be final judge on band hopping. But whatever you do, post

your intended schedule for us. It's hard enough to find a fox when you KNOW they are supposed to be on 7.040 let alone on an entirely different band!!!

73 =paul= wb8zjl

From qrp-1@lehigh.edu Wed Oct 11 10:34:00 1995  
From: adams@chuck.dallas.sgi.com (chuck adams)  
Subject: [4025] Re: Foxhunt Thursday night!  
Message-ID: <199510101759.RAA27384@chuck.dallas.sgi.com>

Gang,

The Foxhunt is for 40M only. As judge and jury I will only count points for contacts in the 40M band. As a fox you will lose time and energy by trying to modify the rules. :-) And get pounced upon by the masses for same. Been there done that.

The reason for the limitation is as follows:

1. It makes the hunt easier
2. Keeps down the traffic (at least it was supposed to)
3. I think more QRPers have 40M rigs, since 40M works year after year despite highs and lows in the sunspot cycles. And the design issues for the higher bands and lulls in propagation during sunspot lows... It worked last year pretty well and it is popular. Got a lot of people on the air that wouldn't have done so otherwise.

I know there are other bands, i.e. 30M was fun this last summer. NE QRP club has their ditty on 80M with the colorburst contest. We only have 24hrs in a day and we have other obligations too. I already moved from two to four hours per week due to the overload of people who wanted to be the fox. I refuse to make it a 24hr a day contest. :-)

Enjoy the foxhunt as I set it up.

We take a lot of flak on this topic, but let the games continue.

dit dit

--

Chuck Adams (K5FO CP-60) adams@sgi.com  
Box 181150, Dallas, TX 75218-8150

From qrp-1@lehigh.edu Wed Oct 11 10:34:00 1995  
From: mont@netcom.com (Mont Pierce)  
Subject: [4050] Re: Loop Antenna  
Message-ID: <199510110820.BAA10444@netcom13.netcom.com>

>  
> >Hey, guys...flames off, please. Jess said he didn't know how to do this, and  
> >got all kinds of advice from the list, which he tried to follow. Not his fault  
> >it didn't work, as it was incomplete. Please, give it a rest, I think we all  
> >have learned from this.  
> >  
> >I have to agree with bob on this one. Given that I was one of the advice  
> >givers, I feel obliged to jump into this and say: what are we going to do  
> >about this problem.  
>  
> ...  
>  
> There is a lot of potential for sophisticated communications on the Internet  
> and it would be a shame for us to miss out on this. So what I am asking here  
> is for a small but important dialog that will allow us to develop an agreed  
> upon standard for sharing graphics (e.g. schematic diagrams or even pictures).  
>

The unix tools uuencode/uudecode are the best generic tools around for  
formatting graphic files into a format that is email compatible. These  
tools are also widely available for dos machines too.

73,  
--  
Mont Pierce

```
+-----+
| Ham Call: KM6WT           Internet:  mont@netcom.com |
|   bands: 80/40/20/15/10/2 |
|   modes: cw,ssb,fm       |
+-----+
```

From qrp-1@lehigh.edu Wed Oct 11 10:34:00 1995  
From: cebik@UTKVX.UTCC.UTK.EDU  
Subject: [4051] Re: MFJ Antenna Analyzers and others  
Message-ID: <Pine.PMDF.3.91.951011064944.543204538B-1000000@utkvx.utk.edu>

On Wed, 11 Oct 1995, rohre wrote:  
> covers 6M and 2M. With that, one can model antenna designs using little wire,  
> and no computer. Just build your proposed antenna design for 2M, and see what  
> it does with the MFJ.

>  
> Wire beam models could be made using PVC pipe as low cost supports, or even  
> wood dowels, at two meters for quick test models. Then you can scale up your  
> design from there. Of course, you should take into account element diameter,  
> and be prepared for the difference between wire and tubing Yagi designs.  
It's all this last part that makes a good case for not only owning, but  
mastering the basics of one of the antenna modeling programs. If it is  
true that man shall not live by bread alone (though it helps with the  
bills), it is equally true that antennas shall not live by SWR alone  
(though it helps with the match). Both the MFJ and the Autek are good  
instruments, seemingly alike, but with some very specific unique  
applications at tower top and on the bench. However, gain and  
front-to-back ratio, as well as other antenna parameters elude both  
instruments. With a commercial antenna, using one of them to ensure a  
match is the only step needed, because all the other work has been done  
at the factory. If you design your own antennas, you have to do that  
work, and a modeling program is one of the good tools to master to  
produce workable antennas. For the design-it-yourself antenna buff, the  
SWR analyzer is the last step in the chain, not the first, and certainly  
not the only.

The only drawback to antenna modeling on a computer compared to car or  
plane modeling is that you do not get the high from the plastic glue.  
But computers do make a little ozone. . .

-73-  
LB, W4RNL

From qrp-1@lehigh.edu Wed Oct 11 10:34:00 1995  
From: "Jerry B. Altzman" <jbaltz@scisun.sci.ccny.cuny.edu>  
Subject: [4041] Re: No QRPP  
Message-ID: <CMM.0.90.0.813371899.jbaltz@scisun.sci.ccny.cuny.edu>

I haven't received my QRPP yet here in beautiful (ahem!) Brooklyn, NY

//jbaltz

jerry b. altzman    Entropy just isn't what it used to be            +1 212 650 5617  
jbaltz@sci.ccny.cuny.edu    jbaltz@columbia.edu    KE3ML    (HEPNET) NEVIS::jbaltz

From qrp-1@lehigh.edu Wed Oct 11 10:34:00 1995  
From: Steve Slavsky <sslavsky@CapAccess.org>  
Subject: [4046] Re: No QRPP



Message-ID: <Pine.SUN.3.91-FP.951011002238.4464A-1000000@cap1.capaccess.org>

Jerry and List-

QRPP received in Reston, VA. Great issue - thanks to all involved. I always seem to forget how small the type is - you know you're getting old when you have to blow up the pages on the copier to feel comfortable with them.

Fox hunt - never heard the fox in Northern Virginia on 7040 or 7110. 7110 was crowded + lots of QRN, but no fox. Did work New Jersey on 7114 with 5 watts - got to get my cw speed up before I can compete on 7040.

Spoke with Dick at OHR today - he says the Explorer II will have a variable bandwidth instead of fixed + a few other new features. Sounds like a great rig for the \$80 QRP-1 price.

73 & 72,

Steve, N4EUK  
Reston, VA

From qrp-1@lehigh.edu Wed Oct 11 10:34:00 1995  
From: Chris Budd <Chris.Budd@src.bae.co.uk>  
Subject: [4021] re: Parallel diodes  
Message-ID: <9510101531.AA25785@sun37.src.bae.co.uk>

Dennis,

I read your mail about high-current diodes in parallel with interest, because I thought the opposite of what you describe would happen. My picture (based on the equations in the books describing the behaviour of low-current devices, which may well behave differently from the devices you're talking about) is that as a diode heats up the forward current (for fixed forward voltage) should \*increase\*; making the sharing of current between the devices less equal and not more so. Do high-current devices show some other temperature-dependent behaviour which counters this? I'll try to do a SPICE calculation on this on the PC at home this evening.

Thanks for provoking some lively discussion around the office.

Best 73s,

Chris, G0L0J.

From qrp-1@lehigh.edu Wed Oct 11 10:34:00 1995  
From: Clark Savage Turner WA3JPG <turner@safety.ICS.UCI.EDU>  
Subject: [4033] Re: Virus Alert  
Message-ID: <25399.813354644@safety.ics.uci.edu>

> For all those who do not know...  
> viruses can't work unless they are executed. That means run. That  
> means text files can't be run.  
>  
> NO VIRUS CAN BE PASSED BY TEXT FILES.

This is not strictly correct, for the book. Read the "Risks forum" for occasional details. I don't believe that any of us have to fear the "good times" old virus story however. But, don't underestimate some of the backdoors of mailer systems, especially the multi media ones that DO provide execution facilities.

Clark  
WA3JPG

From qrp-1@lehigh.edu Wed Oct 11 10:34:00 1995  
From: AE4KN@aol.com  
Subject: [4035] Re: Virus Alert  
Message-ID: <951010173613\_72744434@emout05.mail.aol.com>

Actually, a virus CAN physically damage a hard drive. Just last month at my school's computer lab, two new Pentiums were physically damaged by a virus that apparently had the hard drive doing all sorts of things that finally ruined it. I don't know the details, except that they suspected yours truly for a while because I'm the only one who knows what a pentium is....Sigh

Yes, I KNOW it was the virus that did the damage, not a person etc. You could hear the computers making all sorts of weird sounds.

Well, I guess this isn't really a qrp message but..I'm young and impatient.  
73/72 de AE4KN

ObQRP:Got a new toy the other day. A DMM board that goes in a PC and

displays the readout on screen. It allows all sorts of powerful programming, for instance, you can exchange information with the card directly through a BASIC, PASCAL, or C program. I just finished a test program to take a measurement of something, volts, ohms, etc, every X seconds and write the date, time, and value to a log file. Kinda nifty...

From qrp-1@lehigh.edu Wed Oct 11 10:34:00 1995  
From: Mike White <mpw@chensys.com>  
Subject: [4036] Re: Virus Alert  
Message-ID: <9510102151.AA13885@puma.scintl.com>

At 05:38 PM 10/10/95 EDT, AE4KN@aol.com wrote:  
>Actually, a virus CAN physically damage a hard drive.  
No it can't. What it can do is move the heads around quickly and wear them out - BUT this would indicate a cheapo drive not damage from the virus. An easy detection would have been to see if the disks were being accessed constantly.

>Well, I guess this isn't really a qrp message but..I'm young and impatient.  
>73/72 de AE4KN

From qrp-1@lehigh.edu Wed Oct 11 10:34:00 1995  
From: Rich Mulvey <mulveyr@vivanet.com>  
Subject: [4038] Re: Virus Alert  
Message-ID: <199510102224.SAA11360@linux>

>  
> At 05:38 PM 10/10/95 EDT, AE4KN@aol.com wrote:  
> >Actually, a virus CAN physically damage a hard drive.  
> No it can't. What it can do is move the heads around quickly and wear  
> them out - BUT this would indicate a cheapo drive not damage from the virus.  
> An easy detection would have been to see if the disks were being accessed  
> constantly.

Yes it can. :-)

Back in the days of yore, we used MFM hard drives, which could be considered QRP by today's standards. :-) They required low-level formatting, which basically laid down information on the drive that allowed the heads to figure out where they were. However, IDE

hard drives already have these sector markers, etc. on the drive, when they come from the manufacturer. This information is often in a proprietary format, which means you should never low-level format an IDE drive, because the heads will never again be able to find out where they are. :-)

If, however, a virus performs a low-level format on an IDE drive, not only does the data disappear, but the drive itself will become unusable, because only the manufacturer really knows how the sector and track markers are laid out. Ergo, your drive will spin, but your heads will never be able to find their way home again. :-)

- Rich

From qrp-1@lehigh.edu Wed Oct 11 10:34:00 1995  
From: H Smith <hbs@crl.com>  
Subject: [4045] Re: Virus Alert  
Message-ID: <Pine.SUN.3.91.951010205853.12408D-100000@crl7.crl.com>

On Tue, 10 Oct 1995, Rich Mulvey wrote:

```
> .... stuff about disks and viruseseses deleted
>
>     If, however, a virus performs a low-level format on an IDE drive,
> not only does the data disappear, but the drive itself will become
> unusable, because only the manufacturer really knows how the sector
> and track markers are laid out.  Ergo, your drive will spin, but
> your heads will never be able to find their way home again.  :-)
```

In otherwords on a clear disk you can seek forever. :-)

(sorry about that....really)

Smitty, NA5K

Henry Smith (hbs@crl.com)

From qrp-1@lehigh.edu Wed Oct 11 10:34:00 1995  
From: ah231@detroit.freenet.org (Bernard F. Gaffney Jr.)  
Subject: [4056] Re: Virus Alert

Message-ID: <199510111312.JAA02686@detroit.freenet.org>

>  
>For all those who do not know...  
>  
>viruses can't work unless they are executed. That means run. That  
>means text files can't be run.  
>  
>NO VIRUS CAN BE PASSED BY TEXT FILES.  
>  
>--  
>Adam O'Donnell, N3RCS  
>Amsat: N3RCS@AMSAT.ORG  
>Internet: ADAM@LIBERTYNET.ORG  
>  
>"I want to know how God created this world. I am not interested in this or  
>that phenomenon. I want to know His thoughts, the rest are details."  
>  
> -- Albert Einstein  
>  
>  
>  
>

There is the Word virus tho, that passes on the virus when a Word doc is  
opened and an embedded macro is run. Right now I'm told it's "harmless",  
but the potential for damage is also possible. (Word being MS Word for  
Windows).

--

Bernard F. Gaffney, Jr.  
n8pvz@amsat.org  
MI-QRP 1152

From qrp-1@lehigh.edu Wed Oct 11 10:34:00 1995  
From: myers@bigboy73.West.Sun.COM (Dana Myers)  
Subject: [4028] Re: Warning - read this VIRUS ALERT (fwd)  
Message-ID: <199510101837.LAA00329@sunspot.West.Sun.COM>

[deleted funny note about fictitious "Good Times" virus]

Hey, that was pretty funny. It is amazing anyone fell for the  
hoax in the first place, it is nice we can now poke fun at it.